

# ONYX S3 SAE 10W/40

FULL SYNTHETIC HEAVY DUTY ENGINE OIL

**DYADE**  
LUBRICANTS

320202201



## FULL SYNTHETIC HEAVY DUTY ENGINE OIL

This is a full synthetic heavy duty engine oil that has been classified as LONG DRAIN. This product can be used in passenger car diesel engines, trucks and off-road equipment. The full synthetic base oils ensure a stable viscosity index, easy cold start properties and very long drain intervals. This ensures optimal fleet usage all year long. This product is suitable for EURO IV and EURO V engines and substantially reduce the emission exhausts. Due to the high ash content, this oil is not suitable for most engines and vehicles equipped with a particulate filter.

## FUEL ECONOMY RATING



## SPECIFICATIONS

ACEA E4	DAIMLER TRUCK DTFR 13D110	MB 228.3
ACEA E7	DAIMLER TRUCK DTFR 15B110	MB 228.5
ALLISON C4	DAIMLER TRUCK DTFR 15B120	MB 229.1
API CF-4	DETROIT DIESEL DFS 93K215	MB 235.28
API CG-4	DEUTZ DQC-III-10	MTU OIL CATEGORY 1
API CH-4	DEUTZ DQC-III-18	MTU OIL CATEGORY 2
API CI-4 / SL	GLOBAL DHD-1	MTU OIL CATEGORY 3
CATERPILLAR ECF-1A	IVECO 18-1804 CLASSE T2 E7	RENAULT RLD
CATERPILLAR ECF-2	IVECO 18-1804 CLASSE T3 E4	RENAULT RLD-2
CATERPILLAR TO-2	JASO DH-1	RENAULT RXD
CUMMINS CES 20072	MACK EO-M PLUS	SCANIA LDF-2
CUMMINS CES 20076	MACK EO-N	SCANIA LDF-3
CUMMINS CES 20077	MACK EO-N PREMIUM PLUS	VOITH RETARDER OIL CLASS B
CUMMINS CES 20078	MAN M3275-1	VOLVO VDS-3
DAF EXTENDED DRAIN	MAN M3277	

GRADE	METHOD	UNIT	VALUE
Density	ASTM D4052	kg/l	0,87
Kinematic viscosity @ 40 °C	ASTM D445	mm <sup>2</sup> /s	86,3
Kinematic viscosity @ 100 °C	ASTM D445	mm <sup>2</sup> /s	13,3
Viscosity Index	ASTM D2270		155
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	16,1
Pour point	ASTM D6892	°C	-39
Flash point	ASTM D92	°C	220
Sulphated ash content	ASTM D874	%	1,9

## Product information

People buy this product because they need a Full Synthetic HD E7 oil

### CATEGORY

- Heavy Duty
- Engine Oil

### BASE OIL

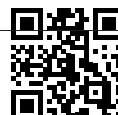
- Full Synthetic

### AVAILABLE PACKAGING

- 12x1 L
- 5x4 L
- 4x5 L
- 20 L
- 60 L
- 205 L
- 1000 L

All data on this technical data sheet is indicative only

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MAINTAIN THE THINGS WE VALUE, WHILE MAKING THE WORLD A CLEANER PLACE

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